

L Number	Hits	Search Text	DB	Time stamp
1	0	"Ca.sub."\$6 near12 "Al.sub."\$6 near12 "Si.sub."\$6 near12 "O.sub."\$6 near12 "N.sub."\$6 same (lanthanide rare adj earth) same divalent	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/02 09:25
2	0	sialon same (lanthanide rare adj earth) same divalent same (calcium ca)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/02 09:25
3	0	(calcium Ca) near12 (aluminum Al) near6 (silicon Si) near6 (oxygen O) near6 (nitrogen N) same oxynitride same (lanthanide rare adj earth) same divalent	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/02 09:27
	212	Takashi-Yuji.in. Kaga-Koichi.in. Ota-Koichi.in. Ota-Akihito.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/29 19:10
	205	Takashi-Yuji.in. Kaga-Koichi.in. Ota-Koichi.in. Ota-Akihito.in.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/14 13:39
	1	(Takashi-Yuji.in. Kaga-Koichi.in. Ota-Koichi.in. Ota-Akihito.in.) and oxynitride	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/15 12:52
	249	oxynitride.bi. and (light lamp).bi. and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce).bi.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/14 13:44
	92	oxynitride.bi. and (light lamp).ti,ab. and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce).bi.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/14 13:44
	2	oxynitride.bi. and (light lamp).ti,ab. and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce).bi. and ((calcium ca) same (aluminum al) same (silicon si) same (oxygen o) same (nitrogen n) "Ca-Al-Si-O-N")	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/16 15:13
	0	02002033521.URPN.	USPAT	2003/05/14 13:49
	0	02002033521.URPN.	USPAT	2003/05/14 13:49
	34	oxynitride.bi. and (light lamp).ti,ab. and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce).bi. and ((calcium ca) and (aluminum al) and (silicon si) and (oxygen o) and (nitrogen n) "Ca-Al-Si-O-N")	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/16 10:14
	34	oxynitride.bi. and (light lamp).ti,ab. and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce).bi. and ((calcium ca) and (aluminum al) and (silicon si) and (oxygen o) and (nitrogen n) "Ca-Al-Si-O-N")	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/15 12:23

	5	(oxynitride.bi. and (light lamp).ti,ab. and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce).bi. and ((calcium ca) and (aluminum al) and (silicon si) and (oxygen o) and (nitrogen n) "Ca-Al-Si-O-N")) and ("Eu ²⁺ " "Eu.sup.2+" europium)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/14 14:06
	1	2002-447421.NRAN.	DERWENT	2003/05/14 14:15
	29	(oxynitride.bi. and (light lamp).ti,ab. and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce).bi. and ((calcium ca) and (aluminum al) and (silicon si) and (oxygen o) and (nitrogen n) "Ca-Al-Si-O-N")) not ((oxynitride.bi. and (light lamp).ti,ab. and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce).bi. and ((calcium ca) and (aluminum al) and (silicon si) and (oxygen o) and (nitrogen n) "Ca-Al-Si-O-N")) and ("Eu ²⁺ " "Eu.sup.2+" europium))	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/14 14:17
	1	2002-271783.NRAN.	DERWENT	2003/05/14 15:22
	0	2001214162.URPN.	USPAT	2003/05/14 15:31
	1	2002-271783.NRAN.	DERWENT	2003/05/14 15:31
	16	(light lamp).ti,ab. and oxynitride.bi. same (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce).bi. and ((calcium ca) and (aluminum al) and (silicon si) and (oxygen o) and (nitrogen n) "Ca-Al-Si-O-N")	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/14 16:15
	4	((light lamp).ti,ab. and oxynitride.bi. same (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce).bi. and ((calcium ca) and (aluminum al) and (silicon si) and (oxygen o) and (nitrogen n) "Ca-Al-Si-O-N")) not ((oxynitride.bi. and (light lamp).ti,ab. and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce).bi. and ((calcium ca) and (aluminum al) and (silicon si) and (oxygen o) and (nitrogen n) "Ca-Al-Si-O-N")) not ((oxynitride.bi. and (light lamp).ti,ab. and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce).bi. and ((calcium ca) and (aluminum al) and (silicon si) and (oxygen o) and (nitrogen n) "Ca-Al-Si-O-N")) and ("Eu ²⁺ " "Eu.sup.2+" europium)))	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/14 16:15
	1	6416888.pn. and oxynitride	USPAT	2003/05/14 16:16
	1	6416888.pn.	DERWENT	2003/05/14 16:21
	1	2000-558233.NRAN.	DERWENT	2003/05/14 16:29
	8906	family	DERWENT	2003/05/14 16:26

1	6416888.pn.	USPAT	2003/05/14 16:27
4	("5294810" "5349209" "5981092" "6180217").PN.	USPAT	2003/05/14 16:26
2	(US-20020155319-\$).did. or (JP-2000306681-\$ or JP-2000235893-\$ or WO-200048431-\$ or US-6416888-\$ or KR-2001042727-\$ or CN-1294834-\$ or EP-1083776-\$).did.	US-PPGPUB; EPO	2003/05/14 16:27
0	((US-20020155319-\$).did. or (JP-2000306681-\$ or JP-2000235893-\$ or WO-200048431-\$ or US-6416888-\$ or KR-2001042727-\$ or CN-1294834-\$ or EP-1083776-\$).did.) and oxynitride	DERWENT	2003/05/14 16:27
1	2002155319.did.	DERWENT	2003/05/14 16:29
0	2002155319.did.	US-PPGPUB	2003/05/14 16:29
0	"2002155319"	US-PPGPUB	2003/05/14 16:29
0	(("5294810" "5349209" "5981092" "6180217").PN.) and oxynitride	USPAT	2003/05/14 16:32
1	6416888.pn. and oxynitride	USPAT; DERWENT	2003/05/14 16:40
0	silocon adj oxynitride with siloxane	USPAT	2003/05/14 16:41
32	silicon adj oxynitride with siloxane	USPAT	2003/05/14 17:15
0	"2001214162"	USPAT	2003/05/14 17:16
1	"2001214162"	JPO	2003/05/14 17:16
0	2001214162.URPN.	USPAT	2003/05/14 17:16
3	oxy adj nitride.bi. and (light lamp).ti,ab. and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce).bi. and ((calcium ca) and (aluminum al) and (silicon si) and (oxygen o) and (nitrogen n) "Ca-Al-Si-O-N")	EPO; JPO; DERWENT; IBM_TDB	2003/05/14 18:08
3	oxy adj nitride.bi. and (light lamp).ti,ab. and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce).bi. and ((calcium ca) and (aluminum al) and (silicon si) and (oxygen o) and (nitrogen n) "Ca-Al-Si-O-N")	EPO; JPO; DERWENT; IBM_TDB	2003/05/14 18:09
1	oxynitride.bi. and (light lamp).ti,ab. and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce).bi. and ("calcium-aluminum-Si-O-N" "Ca-Al-Si-O-N")	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/14 18:16
1	2547865 SHOWA DENKO KK.as.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/14 18:17
1	20562 SHOWA-DENKO-KK.as.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/14 18:17
2	SHOWA-DENKO-KK.as. and oxynitride	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/14 18:17
2	SHOWA-DENKO-KK.as. and oxynitride	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/14 18:17
1	6066861.pn.	USPAT	2003/05/15 11:22
1	6066861.pn. and (improv\$6 and advantag\$5)	USPAT	2003/05/15 11:35
1	<u>6066861.pn.</u> <u>and</u> <u>(powder)</u>	USPAT	2003/05/15 12:27

1	oxynitride.bi. and (light lamp).ti,ab. and (fluophor).bi. and ((calcium ca) and (aluminum al) and (silicon si) and (oxygen o) and (nitrogen n) "Ca-Al-Si-O-N")	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/15 12:24
1	6066861.pn. and (mix\$5)	USPAT	2003/05/15 15:08
1	6066861.pn. and (glass\$6 silica)	USPAT	2003/05/15 12:38
1	(Takashi-Yuji.in. Kaga-Koichi.in. Ota-Koichi.in. Ota-Akihito.in.) and oxynitride	US-PGPUB	2003/05/15 12:53
1	((Takashi-Yuji.in. Kaga-Koichi.in. Ota-Koichi.in. Ota-Akihito.in.) and oxynitride) and glass	US-PGPUB	2003/05/15 13:42
1	6066861.pn. and (layer).clm.	USPAT	2003/05/15 13:31
1	((Takashi-Yuji.in. Kaga-Koichi.in. Ota-Koichi.in. Ota-Akihito.in.) and oxynitride) and part	US-PGPUB	2003/05/15 13:43
1	((Takashi-Yuji.in. Kaga-Koichi.in. Ota-Koichi.in. Ota-Akihito.in.) and oxynitride) and part same lead adj frame	US-PGPUB	2003/05/15 13:45
1	((Takashi-Yuji.in. Kaga-Koichi.in. Ota-Koichi.in. Ota-Akihito.in.) and oxynitride) and sealing adj resin same fluorescent	US-PGPUB	2003/05/15 13:49
0	5998925.pn.	US-PGPUB	2003/05/15 13:49
1	5998925.pn.	USPAT	2003/05/15 18:18
1	5998925.pn. and substrate	USPAT	2003/05/15 13:56
18	6066861.URPN.	USPAT	2003/05/15 15:44
1	6066861.pn. and (white)	USPAT	2003/05/15 15:37
0	((Takashi-Yuji.in. Kaga-Koichi.in. Ota-Koichi.in. Ota-Akihito.in.) and oxynitride) and reflection adj plate same fluorescent	USPAT	2003/05/15 15:38
0	((Takashi-Yuji.in. Kaga-Koichi.in. Ota-Koichi.in. Ota-Akihito.in.) and oxynitride) and reflection adj plate	USPAT	2003/05/15 15:39
0	((Takashi-Yuji.in. Kaga-Koichi.in. Ota-Koichi.in. Ota-Akihito.in.) and oxynitride) and reflection with plate	USPAT	2003/05/15 15:39
1	((Takashi-Yuji.in. Kaga-Koichi.in. Ota-Koichi.in. Ota-Akihito.in.) and oxynitride) and reflection with plate	US-PGPUB	2003/05/15 15:40
1	((Takashi-Yuji.in. Kaga-Koichi.in. Ota-Koichi.in. Ota-Akihito.in.) and oxynitride) and reflection adj plate same fluorescent	US-PGPUB	2003/05/15 15:40
18	(US-6501102-\$ or US-6501100-\$ or US-6469321-\$ or US-6466135-\$ or US-6255670-\$ or US-6245259-\$ or US-6429583-\$ or US-6409938-\$ or US-6376902-\$ or US-6351069-\$ or US-6319425-\$ or US-6294800-\$ or US-6538371-\$ or US-6522065-\$ or US-6521915-\$ or US-6518600-\$ or US-6541800-\$ or US-6555958-\$).did.	USPAT	2003/05/15 15:44
7	((US-6501102-\$ or US-6501100-\$ or US-6469321-\$ or US-6466135-\$ or US-6255670-\$ or US-6245259-\$ or US-6429583-\$ or US-6409938-\$ or US-6376902-\$ or US-6351069-\$ or US-6319425-\$ or US-6294800-\$ or US-6538371-\$ or US-6522065-\$ or US-6521915-\$ or US-6518600-\$ or US-6541800-\$ or US-6555958-\$).did.) and substrate.bi.	USPAT	2003/05/15 17:25
1	6521915.pn.	DERWENT	2003/05/15 16:10
1	2002-181833.NRAN.	DERWENT	2003/05/15 15:53
1	6521915.pn. and nm	USPAT	2003/05/15 16:19
0	6521915.pn. and phosphor same (diameter size)	USPAT	2003/05/15 16:20
0	6521915.pn. and phosphor same (shape)	USPAT	2003/05/15 16:24
1	6521915.pn. and transparent adj_resin	USPAT	2003/05/15 16:29

1	6521915.pn. and cup	USPAT	2003/05/15 16:29
1	5998925.pn. and substrate	USPAT	2003/05/15 18:14
0	5998925.pn. and powder same resin	USPAT	2003/05/15 18:14
0	5998925.pn. and powder	USPAT	2003/05/15 18:15
34	5998925.URPN.	USPAT	2003/05/15 18:19
13	(light lamp).ti,ab. and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce).bi. and ((calcium ca) same (aluminum al) same (silicon si) same (oxygen o) same (nitrogen n) "calcium-aluminum-Si-O-N" "Ca-Al-Si-O-N")	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/16 12:49
13	(light lamp).ti,ab. and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce fluophor).bi. and ((calcium ca) same (aluminum al) same (silicon si) same (oxygen o) same (nitrogen n) "calcium-aluminum-Si-O-N" "Ca-Al-Si-O-N")	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/16 12:26
13	(light lamp).ti,ab. and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce fluophor).bi. and ((calcium ca) same (aluminum al) same (silicon si) same (oxygen o) same (nitrogen n) "calcium-aluminum-Si-O-N" "Ca-Al-Si-O-N")	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/16 10:23
2	((light lamp).ti,ab. and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce fluophor).bi. and ((calcium ca) same (aluminum al) same (silicon si) same (oxygen o) same (nitrogen n) "calcium-aluminum-Si-O-N" "Ca-Al-Si-O-N")) and ("Eu ²⁺ " "Eu.sup.2+" europium)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/16 10:24
1	((light lamp).ti,ab. and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce fluophor).bi. and ((calcium ca) same (aluminum al) same (silicon si) same (oxygen o) same (nitrogen n) "calcium-aluminum-Si-O-N" "Ca-Al-Si-O-N")) and diode.bi.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/16 10:24
8	((light lamp).ti,ab. and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce fluophor).bi. and ((calcium ca) same (aluminum al) same (silicon si) same (oxygen o) same (nitrogen n) "calcium-aluminum-Si-O-N" "Ca-Al-Si-O-N")) and mix\$6.bi.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/16 10:25

4	((light lamp).ti, ab. and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce fluophor).bi. and ((calcium ca) same (aluminum al) same (silicon si) same (oxygen o) same (nitrogen n) "calcium-aluminum-Si-O-N" "Ca-Al-Si-O-N")) and mix\$6.bi. same light.bi.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/16 10:32
1	6340824.pn.	USPAT; EPO; JPO; IBM_TDB	2003/05/16 10:33
0	6340824.pn. and mixed with phosphor	USPAT; EPO; JPO; IBM_TDB	2003/05/16 10:34
0	6340824.pn. and mix\$5 with phosphor	USPAT; EPO; JPO; IBM_TDB	2003/05/16 10:34
1	6340824.pn. and mix\$5	USPAT; EPO; JPO; IBM_TDB	2003/05/16 10:37
0	6340824.pn. and (particles phosphor diameter radius granule)	USPAT; EPO; JPO; IBM_TDB	2003/05/16 10:38
0	6340824.pn. and fluorescent adj material with size	USPAT; EPO; JPO; IBM_TDB	2003/05/16 10:39
1	6340824.pn. and fluorescent adj material	USPAT; EPO; JPO; IBM_TDB	2003/05/16 10:43
1	6340824.pn. and fluorescent adj material same resin	USPAT; EPO; JPO; IBM_TDB	2003/05/16 10:53
0	6340824.pn. and "990" same InGaN	USPAT; EPO; JPO; IBM_TDB	2003/05/16 10:54
1	6340824.pn. and Light adj emitting adj elcment same InGaN	USPAT; EPO; JPO; IBM_TDB	2003/05/16 11:08
1	6340824.pn. and prevent same external same leak\$4	USPAT; EPO; JPO; IBM_TDB	2003/05/16 11:11
1	6066861.pn.	USPAT; EPO; JPO; IBM_TDB	2003/05/16 11:24
18	6066861.URPN.	USPAT	2003/05/16 11:11
4	((3652956 "5959316" "6066861" "6319425").PN.	USPAT	2003/05/16 11:12
20	5959316.URPN.	USPAT	2003/05/16 11:14
1	6066861.pn.	USPAT; EPO; JPO; IBM_TDB	2003/05/16 11:27
18	6066861.URPN.	USPAT	2003/05/16 11:25
605	((313/503) or (313/502)).CCLS.	USPAT	2003/05/16 16:57
214	(313/502).CCLS.	USPAT	2003/05/16 11:30
2	6521915.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/16 12:11
658	(257/98).CCLS.	USPAT	2003/05/16 12:26
15	((257/98).CCLS.) and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce fluophor).bi. and <u>substrate</u> and <u>cup</u>	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/16 12:28

11	((257/98).CCLS.) and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce fluophor).bi. and substrate and cup and (mix\$4 blend\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/16 12:32
10	((257/98).CCLS.) and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce fluophor).bi. and substrate and cup and (mix\$4 blend\$4) same light	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/16 12:48
185	reflect\$5 with (light adj emitting adj device) and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce).bi.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/16 12:50
734	reflect\$5 with (light adj emitting adj (diode device)) and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce).bi.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/16 12:52
65	reflect\$5 with (light adj emitting adj (diode device)) and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce) adj2 layer.bi.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/16 12:53
15	reflect\$5 with (light adj emitting adj (diode device)) and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce) adj2 layer.bi. and (mix\$5 blend\$5) with light	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/16 13:00
5	Mirror\$5 with (light adj emitting adj (diode device)) and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce) adj2 layer.bi. and (mix\$5 blend\$5) with light	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/16 13:01
15	(Mirror\$5 reflect\$5) with (light adj emitting adj (diode device)) and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce) adj2 layer.bi. and (mix\$5 blend\$5) with light	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/16 13:02
35	(Mirror\$5 reflect\$5) same (light adj emitting adj (diode device)) and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce) adj2 layer.bi. and (mix\$5 blend\$5) with light	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/16 13:07
3	(light adj guide) same (light adj emitting adj (diode device)) and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce) adj2 layer.bi. and (mix\$5 blend\$5) with light	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/16 13:08

12	(light adj guide) and (light adj emitting adj (diode unit device)) and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce) adj2 layer.bi. and (mix\$5 blend\$5) with light	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/16 13:09
12	(light adj guide) and (light adj emitting adj (diode unit device)) and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce fluophor) adj2 layer.bi. and (mix\$5 blend\$5) with light	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/16 13:33
1	(JP-2002076434-\$).did.	DERWENT	2003/05/16 13:31
0	((JP-2002076434-\$).did.) and intermittently	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/16 13:28
0	((JP-2002076434-\$).did.) and adjust with color	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/16 13:28
1	"20020043926"	US-PGPUB	2003/05/16 13:31
1	"20020043926" and intermittently	US-PGPUB	2003/05/16 13:31
1	"20020043926" and intermittently	US-PGPUB	2003/05/16 13:32
0	(intermitt\$5 rectifier pulse) and (light adj emitting adj (diode unit device)) and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent fluophor) adj2 layer.bi. and (mix\$5 blend\$5) with light	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/16 13:50
51	(intermittently intermittent rectifier pulse) and (light adj emitting adj (diode unit device)) and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce fluophor) adj2 layer.bi. and (mix\$3 blend\$3) with light	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/16 14:27
173	(light adj emitting adj (diode unit device)) and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce fluophor) adj2 layer.bi. and (mix\$3 blend\$3) with light	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/16 13:54
173	(light adj emitting adj (diode unit device)) and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce fluophor) adj2 layer.bi. and (mix\$3 blend\$3) with light	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/16 13:55
51	((light adj emitting adj (diode unit device)) and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce fluophor) adj2 layer.bi. and (mix\$3 blend\$3) with light) and (intermittently intermittent rectifier pulse)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/05/16 14:27

10	((light adj emitting adj (diode unit device) and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce fluophor) adj2 layer.bi. and (mix\$3 blend\$3) with light) and (intermittently intermittent rectifier)	USPAT; EPO; JPO; DERWENT; IBM TDB	2003/05/16 14:07
4	((light adj emitting adj (diode unit device) and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce fluophor) adj2 layer.bi. and (mix\$3 blend\$3) with light) and (pulse pulsed pulsing) with (adjust adjusting adjustment)	USPAT; EPO; JPO; DERWENT; IBM TDB	2003/05/16 14:28
2	6066861.pn.	USPAT; EPO; JPO; DERWENT; IBM TDB	2003/05/16 15:13
1	6066861.pn.	USPAT	2003/05/16 15:23
1	6521915.pn.	USPAT	2003/05/16 15:23
18	6066861.URPN.	USPAT	2003/05/16 15:32
4	("3652956" "5959316" "6066861" "6319425").PN.	USPAT	2003/05/16 15:33
20	5959316.URPN.	USPAT	2003/05/16 15:33
6	(("5959316" "6133589" "6252254" "6255670" "6273589" "6294800").PN.	USPAT	2003/05/16 15:36
191	(313/507).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/05/16 16:50
180	(313/507).CCLS.	USPAT	2003/05/16 16:50
476	(313/503).CCLS.	USPAT	2003/05/16 16:57
214	(313/502).CCLS.	USPAT	2003/05/16 16:58
370	((313/503).CCLS.) not ((313/502).CCLS.) not ((313/507).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/09/30 14:37
177	endo-tadashi.in.	USPAT; EPO; JPO; DERWENT; IBM TDB	2003/05/16 17:10
2	endo-tadashi.in. and oxynitride	USPAT; EPO; JPO; DERWENT; IBM TDB	2003/05/16 17:11
1	(Takashi-Yuji.in. Kaga-Koichi.in. Ota-Koichi.in. Ota-Akihito.in.) and oxynitride	USPAT; EPO; JPO; DERWENT; IBM TDB	2003/09/26 04:10
1357	Takahashi-Yuji.in. Kaga-Koichi.in. Ota-Koichi.in. Ota-Akihito.in.	USPAT; EPO; JPO; DERWENT; IBM TDB	2003/09/26 04:24
2	(Takahashi-Yuji.in. Kaga-Koichi.in. Ota-Koichi.in. Ota-Akihito.in.) and oxynitride	USPAT; EPO; JPO; DERWENT; IBM TDB	2003/09/26 04:21
0	(Takahashi-Yuji.in. Kaga-Koichi.in. Ota-Koichi.in. Ota-Akihito.in.) and light adj emitting adj unit.ti.	USPAT; EPO; JPO; DERWFNT; IBM TDB	2003/09/26 04:11
0	(Takahashi-Yuji.in. Kaga-Koichi.in. Ota-Koichi.in. Ota-Akihito.in.) and (light adj emitting adj unit).ti.	USPAT; EPO; JPO; DERWENT; IBM TDB	2003/09/26 04:11

9637	Takahashi-Yuji.in. Kaga-Koichi.in. Ota-Koichi.in. Ota-Akihito.in. Toyoda-gosei-co-ltd.as.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/09/26 04:34
2	((Takahashi-Yuji.in. Kaga-Koichi.in. Ota-Koichi.in. Ota-Akihito.in. Toyoda-gosei-co-ltd.as.) and oxynitride	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/09/26 04:34
1	((Takahashi-Yuji.in. Kaga-Koichi.in. Ota-Koichi.in. Ota-Akihito.in. Toyoda-gosei-co-ltd.as.) and oxynitride) and Ca near6 Al near6 Si	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/09/26 04:33
9752	Takahashi-Yuji.in. Kaga-Koichi.in. Ota-Koichi.in. Ota-Akihito.in. Toyoda-gosei-co-ltd.as.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/26 04:34
2	((Takahashi-Yuji.in. Kaga-Koichi.in. Ota-Koichi.in. Ota-Akihito.in. Toyoda-gosei-co-ltd.as.) and oxynitride) and oxynitride	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/26 04:39
1	((Takahashi-Yuji.in. Kaga-Koichi.in. Ota-Koichi.in. Ota-Akihito.in. Toyoda-gosei-co-ltd.as.) and oxynitride) and (calcium Ca) near6 (aluminum Al) near6 (silicon Si) near6 (oxygen O) near6 (nitrogen N)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/26 04:40
162	(calcium Ca) near6 (aluminum Al) near6 (silicon Si) near6 (oxygen O) near6 (nitrogen N)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/26 04:40
14	(calcium Ca) near6 (aluminum Al) near6 (silicon Si) near6 (oxygen O) near6 (nitrogen N) same oxynitride	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/26 04:42
7	(calcium Ca) near6 (aluminum Al) near6 (silicon Si) near6 (oxygen O) near6 (nitrogen N) same oxynitride and (fluores\$9 phosphor\$9 lumin\$9 cathodolumines\$ fluophor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/26 04:45
1	(calcium Ca) near6 (aluminum Al) near6 (silicon Si) near6 (oxygen O) near6 (nitrogen N) same oxynitride and (Europium Eu "Eu.sup2+" "Eu.sup.+2")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/26 04:46
3	(calcium Ca) near6 (aluminum Al) near6 (silicon Si) near6 (oxygen O) near6 (nitrogen N) same oxynitride and activat\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/27 18:43
5	(calcium Ca) near12 (aluminum Al) near6 (silicon Si) near6 (oxygen O) near6 (nitrogen N) same oxynitride and activat\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/27 18:46
4	(calcium Ca) near12 (aluminum Al) near6 (silicon Si) near6 (oxygen O) near6 (nitrogen N) same oxynitride same (fluor\$8 phosphor\$7 lumin\$7 cathodolumines\$7 fluophor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/27 19:05

4	((calcium Ca) near12 (aluminum Al) near6 (silicon Si) near6 (oxygen O) near6 (nitrogen N) same oxynitride and (fluor\$8 phosphor\$7 lumin\$7 cathodolumin\$7 fluophor) not ((calcium Ca) near12 (aluminum Al) near6 (silicon Si) near6 (oxygen O) near6 (nitrogen N) same oxynitride same (fluor\$8 phosphor\$7 lumin\$7 cathodolumin\$7 fluophor)) 1 20020043926.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/02 09:26
1	20020043926.did. and light adj guide	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/09/27 20:45
9	Takashi-Yuji.in. Kaga-Koichi.in. Ota-Koichi.in. Ota-Akihito.in. 1 20020043926.did.	US-PGPUB	2003/09/29 19:11
1	20020043926.did. and semiconduct\$8.clm.	USPAT	2003/09/29 19:11
4	((calcium Ca) near12 (aluminum Al) near6 (silicon Si) near6 (oxygen O) near6 (nitrogen N) same oxynitride with (fluor\$8 phosphor\$7 lumin\$7 cathodolumin\$7 fluophor)	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/30 12:39
2	5998925.pn. 6066861.pn.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/09/30 12:39
0	(5998925.pn. 6066861.pn.) and oxynitride	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/09/30 12:39
1534	(252/301.4R).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/30 14:37
10	((252/301.4R).CCLS.) and oxynitride	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/30 14:59
136	divalent near3 europium and trivalent near3 europium and phosphor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/30 14:53
1	6290875.pn.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/09/30 14:53
1	6290875.pn. and divalent	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/09/30 14:53
6	((252/301.4R).CCLS.) and (SiON Si-O-N)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/30 15:04
604	(252/301.4f).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/30 15:04

0 ("7 and (oxynitride SION" Si-O-N")").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/30 15:04
4 ((252/301.4f).CCLS.) and (oxynitride SION "Si-O-N")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/30 15:06
2 luminescent adj oxynitride	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/30 15:12
4 popma near7 august	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/30 15:16
29 sialon near5 (calcium ca)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/30 15:17
6 sialon near5 (calcium ca) with (phosphor\$9 fluophor fluor\$9 lumin\$9 cathodolumin\$9)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/30 15:35
1 20020043926.did.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/09/30 15:31
8 "Ca.sub."\$6 near12 "Al.sub."\$6 near12 "Si.sub."\$6 near12 "O.sub."\$6 near12 "N.sub."\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/02 09:23
0 ("Ca.sub."\$6 near12 "Al.sub."\$6 near12 "Si.sub."\$6 near12 "O.sub."\$6 near12 "N.sub."\$6) same (phosphor\$9 fluophor fluor\$9 lumin\$9 cathodolumin\$9)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/30 17:08
1 20020043926.did.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/09/30 17:08
1 20020043926.did. and ("Ca" calcium)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/09/30 17:08
1 20020043926.did.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/10/01 19:13
1 20020043926.did. and (calcium ca)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/10/01 19:14
0 20020043926.did. and (calcium ca) and tun\$5	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/10/01 19:14